



In projectors with Digital Light Processing (DLP) the image is created by light reflected on microscopically small mirrors. Each mirror represents one pixel in the projected image and the colour are reproduced through a colour wheel.



3-LCD projectors has three prisms (liquid crystal display) of different colours that combined reproduce the right shade on the screen.



HD-Ready marked products must have at least 720 horizontal lines in widescreen ratio (720p) together with HD inputs for processing and displaying high-definition signals.



1080p can be referred to as full HD and represents a resolution of 1920x1080 pixels.



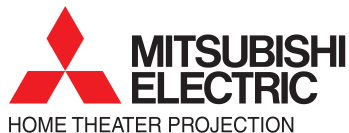
Reon-VX from Silicon Optics Inc. implemented in our full HD home cinema projectors deliver Hollywood Quality Video (HQV). This high quality chip is the key to improved image reproduction.



Through HDMI 1.3 input terminals you are capable of processing high-contrast images from 10-, 12- and 16-bit video signals in addition to the conventional 8-bit signal of HDMI 1.2.

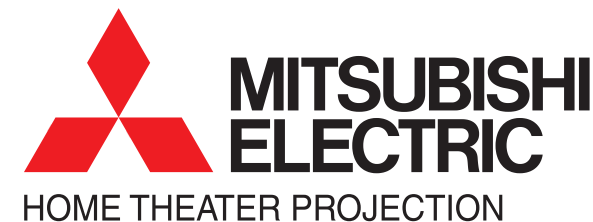


24P products are compatible with Blu-ray 24P direct output. Unbelievable life-like images are reproduced with a smoothness and texture detail than mirror the original.



*Changes for the Better*

HOME THEATER PROJECTION



Get ready for a powerful, truly cinematic experience, with Mitsubishi Electric's acclaimed home cinema projectors.

These advanced products offer stunning, crisp images, dazzling color and leading-edge picture enhancing technologies that transform a sports match or movie into a dynamic social event right in your home.

Widescreen, high-resolution, high-definition; it all comes together with these models.



crystal clear  
home cinema  
projectors

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Specification subject to change without notice.

[mitsucinema.com](http://mitsucinema.com)

# home cinema projectors

		HD Ready - 720p	Full HD - 1080p		
		 <b>HC110</b>	 <b>HC550</b>	 <b>HC650</b>	 <b>HC7000</b>
<b>Resolution</b>		1280 x 720	1920 x 1080	1920 x 1080	1920 x 1080
<b>Format</b>		Wide screen 16:9	Wide screen 16:9	Wide screen 16:9	Wide screen 16:9
<b>Brightness</b>		1000	1200	1200	1000
<b>Weight</b>		2.9 kg	5.6 kg	7.5 kg	7.5 kg
<b>Contrast ratio</b>		3000:1	14000:1	15000:1	72000:1
<b>Technology</b>		DLP™ (DarkChip2™ with DDP3020)	3-LCD (with micro lens)	3-LCD (with micro lens)	3-LCD (with micro lens)
<b>Colour wheel</b>		6 segment	-	-	-
<b>HQV</b>		-	Yes	Yes	Yes
<b>24P</b>		-	Yes	Yes	Yes
<b>2:35:1 anamorphic mode</b>		-	Yes	Yes	Yes
<b>Noise (*eco mode)</b>		25 dB*	19 dB*	17 dB*	17 dB*
<b>Maximum keystone correction</b>		±40° V / ±25° H	±13° V	±15° V	±15° V
<b>Frequency fh (kHz)</b>		15 - 80	15 - 100	15 - 100	15 - 100
<b>Frequency fv (Hz)</b>		50 - 85	50 - 120	50 - 120	50 - 120
<b>Lens</b>		Manual Control	Motorized	Motorized	Motorized
<b>Lens shift</b>		-	Motorized up-down (±50%)	Motorized up-down (±75%), right-left (±5%)	Motorized up-down (±75%), right-left (±5%)
<b>Throw ratio</b>		1.6 ~ 2.0 : 1	1.4 ~ 1.8 : 1	1.4 ~ 2.3 : 1	1.4 ~ 2.3 : 1
<b>Input / Output</b>	<b>Video Input</b>	Component video x1, S-video x1, RCA x1, HDMI (1.2) x1	Component video x1, S-video x1, RCA x1, HDMI (1.3) x2	Component video x1, S-video x1, RCA x1, HDMI (1.3) x2	Component video x1, S-video x1, RCA x1, HDMI (1.3) x2
	<b>RGB / Component Input</b>	Mini D-sub (15 pin) x1	Mini D-sub (15 pin) x1	Mini D-sub (15 pin) x1	Mini D-sub (15 pin) x1
	<b>Screen Trigger</b>	12V trigger out: Stereo mini jack (3.5mm) x1	12V trigger out; Stereo mini jack (3.5mm) x1	12V trigger out; Stereo mini jack (3.5mm) x1	12V trigger out; Stereo mini jack (3.5mm) x1
	<b>Communication</b>	RS232C; Mini DIN (8 pin) x1, Direct command is available	RS232C; D-sub (9 pin) x1, Direct command is available	RS232C; D-sub (9 pin) x1, Direct command is available	RS232C; D-sub (9 pin) x1, Direct command is available
<b>HDMI 1.3 with Deep Color</b>		-	Yes	Yes	Yes
<b>Signals</b>	<b>Video input compatibility</b>	NTSC / NTSC 4.43 / PAL (including PAL-M, N) / SECAM / PAL-60 Component Video: 480i/p (525i/p), 576i/p (625i/p), 720p (750p 50/60 Hz), 1080i (1125i 50/60 Hz), SCART (RGB + 1V sync)	NTSC / NTSC 4.43 / PAL (including PAL-M, N) / SECAM / PAL-60 Component Video: 480i/p (525i/p), 576i/p (625i/p), 720p (750p 50/60 Hz), 1080i (1125i 50/60 Hz), 1080p (1125p 24/50/60 Hz), SCART (RGB + 1V sync)	NTSC / NTSC 4.43 / PAL (including PAL-M, N) / SECAM / PAL-60 Component Video: 480i/p (525i/p), 576i/p (625i/p), 720p (750p 50/60 Hz), 1080i (1125i 50/60 Hz), 1080p (1125p 24/50/60 Hz), SCART (RGB + 1V sync)	NTSC / NTSC 4.43 / PAL (including PAL-M, N) / SECAM / PAL-60 Component Video: 480i/p (525i/p), 576i/p (625i/p), 720p (750p 50/60 Hz), 1080i (1125i 50/60 Hz), 1080p (1125p 24/50/60 Hz), SCART (RGB + 1V sync)
	<b>Dimensions (WxHxD)</b>	310 x 100 x 245 mm	334 x 125 x 352 mm	427 x 159 x 440 mm	427 x 159 x 440 mm
<b>Maximum lamp life (*eco mode)</b>		3000 hours *	5000 hours *	5000 hours *	5000 hours *
<b>Power consumption</b>		280 W / 2.9 A	250 W / 2.5 A	250 W / 2.5 A	250 W / 2.5 A
<b>Standard accessories</b>		Illuminated remote control, Power cord, VGA cable, RS232 cable, Manual on CD rom, Safety manual, Quick Start Guide	Illuminated remote control, Power cord, VGA cable, RS232 cable, Manual on CD rom, Safety manual, Quick Start Guide, External air filter, Lamp replacement tray	Illuminated remote control, Power cord, VGA cable, RS232 cable, Manual on CD rom, Safety manual, Quick Start Guide, Cap-lens, Lamp replacement tray	Illuminated remote control, Power cord, VGA cable, RS232 cable, Manual on CD rom, Safety manual, Quick Start Guide, Cap-lens, Lamp replacement tray
<b>Replacement lamp / Lamp replacement</b>		VLT-HC910LP / Underside	VLT-HC5000LP / Side	VLT-HC7000LP / Side	VLT-HC7000LP / Side
<b>Warranty</b>		Projector: 2 year Lamp in new projector: 1000 hours / 2 year	Projector: 2 year Lamp in new projector: 1000 hours / 2 year	Projector: 2 year Lamp in new projector: 1000 hours / 2 year	Projector: 2 year Lamp in new projector: 1000 hours / 2 year